

10/8/70

UTAH STATE DIVISION OF HEALTH

PROPOSED
CODE OF REGULATIONS RELATING
TO AIR QUALITY
RESTRICTION OF EMISSIONS OF VISIBLE AIR CONTAMINANTS

- A. Restrictions Applicable to Existing Installations Except Incinerators and Internal Combustion Engines, except as provided in Paragraph D below.

No person shall discharge into the atmosphere, from any single source of emission, air contaminants of a shade or density darker than a No. 2 Ringelmann Chart* (40% black) or an equivalent opacity.

- B. Restrictions Applicable to All Incinerators and New Installations Except Internal Combustion Engines, except as provided in Paragraph D below.

No person shall discharge into the atmosphere, from any new, single source of emission or from any incinerator, air contaminants of a shade or density darker than a No. 1 Ringelmann Chart* (20% black) or an equivalent opacity.

- C. Restrictions Applicable to Internal Combustion Engines, except as provided in Paragraph D below.

- (1) No gasoline engine shall emit contaminants of a shade or density darker than a No. 1 Ringelmann (20% black) or an equivalent opacity while moving a distance of more than 100 yards or while stationary for more than three minutes in a 60 minute period.
- (2) No diesel powered engine manufactured after January 1, 1973 shall emit contaminants of a shade or density darker than a No. 1 Ringelmann (20% black) or an equivalent opacity while moving a distance of more than 100 yards or while stationary for more than three minutes in a 60 minute period.
- (3) No diesel powered engine manufactured before January 1, 1973, shall emit contaminants of a shade or density darker than a No. 2 Ringelmann (40% black) or equivalent opacity while moving a distance of more than 100 yards, or while stationary for more than three minutes in a 60 minute period.

**D. Emission of air contaminants exceeding the limits specified in Sections A, B and C.

- (1) Excessive emissions resulting from the unavoidable break-down of equipment or procedures must be reported immediately (within 24 hours) to the Executive Secretary. Within five days of the beginning of such an incident, a written report shall be submitted to the Executive Secretary which shall include the cause and nature of the event, estimated quantity of pollutant, time of emission, and steps taken to control the emission and to prevent recurrence. Such emission shall not be deemed in violation providing this report is considered acceptable to the Executive Secretary.
(If such emissions are predictable, they are covered by the variance procedure).
- (2) When conducting a procedure or using equipment necessary to the operation of a process such as, but not limited to, building a new fire, tube blowing, initial warm-up or start-up of locomotives, or cleaning grates, the limits specified in these regulations may be exceeded for a period or periods not aggregating more than four minutes in any sixty minutes.
- (3) For all other excessive emissions the variance procedure may be employed.

* The Ringelmann Chart is described in U.S. Bureau of Mines information Circular 7718.

** Note: Compliance with these regulations shall be achieved by reducing the time-rate emission of the air contaminants responsible for exceeding the limits specified.

Where the presence of steam and water vapors are the only reasons for failure of an emission to meet the requirements of these regulations such section shall not apply.